

CLAIMS

WHAT IS CLAIMED IS:

1. An airbag cushion comprising a coated fabric, wherein said fabric is coated with a laminate film in an amount of at most 2.7 ounces per square yard of the fabric; and wherein said airbag cushion exhibits a characteristic leak-down time after inflation of at least 5 seconds.
2. The airbag cushion of Claim 1 wherein said film is silicone free.
3. The airbag cushion of Claim 1 wherein said film composition comprises polyurethane.
4. The airbag cushion of Claim 1 wherein said coated fabric is woven from polyamide yarns.
5. The airbag cushion of Claim 4 wherein said polyamide yarns are formed from nylon 6,6 fiber.
6. The airbag cushion of Claim 4, wherein said polyamide yarns are multifilament yarns characterized by a linear density of about 210-630 denier.

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7. The airbag cushion of Claim 6, wherein wherein said multifilament yarns are characterized by a filament linear density of about 7 denier per filament or less.
8. The airbag cushion of Claim 1 wherein said film is present on said airbag fabric surface in an amount of at most 2.5 ounces per square yard.
9. The airbag cushion of Claim 8 wherein said film is present on said airbag fabric in an amount of at most 2.2 ounces per square yard.
10. An airbag cushion comprising a coated fabric, wherein said fabric is coated with a laminate film; wherein said film possesses a tensile strength of at least 2,000 and an elongation at break of at least 180%; and wherein said airbag cushion exhibits a leak-down time after inflation of at least 5 seconds.
11. The airbag cushion of Claim 9 wherein said film comprises polyurethane.
12. The airbag cushion of Claim 10 wherein said coated fabric is woven from polyamide yarns.
13. The airbag cushion of Claim 11 wherein said polyamide yarns are formed from nylon 6,6 fiber.
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14. The airbag cushion of Claim 12, wherein said polyamide yarns are multifilament yarns characterized by a linear density of about 210-630 denier.

15. The airbag cushion of Claim 13, wherein said multifilament yarns are characterized by a filament linear density of about 7 denier per filament or less.

16. The airbag cushion of Claim 10 wherein said film is present on said airbag fabric surface in an amount of at most 2.5 ounces per square yard.

17. The airbag cushion of Claim 16 wherein said film is present coated on said airbag fabric surface in an amount of at most 2.2 ounces per square yard.